RECORD/ PLAYBACK HEAD

RED
WHT
BRN
WHT

S100A
S100B
S100C
S100D
S100E
S100F

TP 1
TP 2
TP 3
TP 4
TP 5
TP 6
TP 7
TP 8
TP 9
TP 10

C117 .0068
C118 .002
C128 .1
C101 .1
C102 4.7
C105 .01
C106 .01
C103 .001
C104 4.7
C107 50pf
C108 820pf
C109 820pf
C110 820pf
C111 820pf
C112 .0047
C113 .001
C114 .0047
C115 .033
C116 .033
C120 47
C121 4.7
C122 4.7
C123 .01
C124 .1
C125 4.7
C126 22
C127 2200
C130 .01
C131 .01
C100 50pf
C1815

R100 1K
R101 330K
R102 10K
R103 470
R104 1K
R105 47
R106 470
R107 1K
R108 1M
R109 62K
R110 330K
R111 7500
R112 39K
R113 5600
R114 240K
R115 15K
R116 270K
R117 330K
R118
R119 4700
R120 47K
R121 10K
R122 4700
R123 100K
R125 10K
R126 560
R127 1K
R128 150K
R129 10K
R130 470
R131 1M
R132 1M
R133 2200
R134 10K
R135 470
R136 4700
R137 1K
R138 680
R139 2700

A100 LM324N
A101 LM3086N
A101A
A101B
A101C
A101D
A101E
Q100
Q101
Q102
B856

CR100 1N914
CR101 1N914
CR102 1N914
CR103 1N914
CR104
CR105

4KHZ FILTER
5KHZ FILTER
2VDC REFERENCE

3VP-P (4KHZ)
3VP-P (5KHZ)
.6VP-P
1.57V
1.59V
.8VP-P
.08VP-P
1VP-P
3.5V P-P
0V
1.2VP-P
5VP-P
5V
.7V
1.2V
3.9V
2.33V (RECORD)
4.3VCT RMS
6.75V
6.0VDC
6.5VDC .3VP-P RIPPLE
1.3V
2.6V
1.5VP-P
.02V P-P
.9V

PLAY
RECORD

ERASE HEAD

DATA INPUT BRN 5
DATA OUTPUT WHT 3
+5VDC ORG CONTROL 8
AUDIO OUTPUT RED 11
COMMON BLK 4 P100

117VAC 60HZ 1Φ
BLK
BLK
GROUND GRN
BLU
YEL
YEL
BLK
BLK
REC/PLAY ADV/RWD
STOP
WHT/RED
WHT
MOTOR
ADVANCE
REWIND
L101
S101
S102
S103

NOTES:
1 RESISTANCE IN OHMS
2 CAPACITANCE IN MICRO-FARADS (UNLESS NOTED)
3 VOLTAGES REFERENCED TO COMMON
4 P-P VOLTAGES MEASURED IN "PLAY" MODE
5 D.C. VOLTAGES W/CONTROL ON ONLY

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SCALE: /
DATE: 9-83
APPROVED BY:
DRAWN BY
REVISED

ATARI 410 SCHEMATIC DIAGRAM

DRAWING NUMBER 7S-AT410-3